Week 9 Assignment Write-Up

Back-End:

The backend of this assignment was not too difficult. The provided interfaces made implementation really easy. All it took was a little bit of research into qualities of prime and perfect numbers. I had a particularly clever implementation where when obtaining all the factors where I only looped from 2 to the sqrt of a number because 1 is always a factor, and if my i from the loop is a factor, so is the number/i, meaning I never have to check past the square root because the square root squared is the original number.

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Front-End:

To be honest, the frontend of this assignment was harder than the backend for me. I have always been weaker in visual design than logic and CLI’s, and am not 100% comfortable with JavaFX yet, so it took me a bit to get the GUI together. It’s not styled the way I’d like, but it’s functional and that’s all I can ask for.

Graphical user interface, application

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